Final Scientific Program

3rd International Congress and Expo on

Biotechnology and Bioengineering

June 25-26, 2018 at Kuala Lumpur, Malaysia

Media Partners

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Day 1 June 25, 2018

Function Room 7

08:30-09:30 Registrations
09:30-09:35 Introduction
09:35-10:00 Opening Ceremony

Plenary Forum

10:00-10:50 Title: Nano engineered plasma polymer films for biomedical applications
Krasimir Vasilev, University of South Australia, Australia

Keynote Forum

10:50-11:20 Title: How can we improve regulation and achieve the promise of new breeding technologies for crop improvement?
Michael G. K. Jones, Murdoch University, Australia

Networking & Refreshments Break 11:20-11:35 @ Foyer

11:35-12:05 Title: Prediction and prenosological diagnostics of internal diseases based on energy characteristics of acupuncture points and fuzzy logic
Riad Taha Al-Kasasbeh, Al-Balqa University, Jordan

12:05-12:35 Title: Quaternary alloy nanostructures-based biosensor for Dengue detection
Yarub Al-Douri, University of Malaya, Malaysia

Sessions: Pharmaceutical Biotechnology | Cancer Biotechnology | Microbial Technology | Plant Biotechnology | Industrial Biotechnology | Medical Biotechnology | Agricultural Biotechnology

Session Chair: Minoo Divakaran, Providence Women’s College, India

12:35-13:05 Title: Establishment of a Monoclonal Cell-Based Reporter Assay for Screening of Hypoxia-Inducible Factor Activities
Sien-Yei Liew, Universiti Putra Malaysia, Malaysia

Lunch Break 13:05-14:00 @ Temptations Restaurant

14:00-14:20 Title: In vitro assessment of drug cytotoxicity against colorectal cancer cells in normal versus high glucose conditions
Lau Meng Fei, University of Malaya, Malaysia

14:20-14:40 Title: Transgenic Hematopoietic Stem Cells Against Cancer by help of FACs
Alireza Pirahmadian, University of Malaya, Malaysia

14:40-15:00 Title: Microbial conversion of flavonols and cinnamaldehyde derivatives and their mechanisms
Shunichi Miyakoshi, National Institute of Technology, Japan

15:00-15:20 Title: Biotechnological approaches for combating climate change and solving crop-specific problems in Vanilla
Minoo Divakaran, Providence Women’s College, India

15:20-15:40 Title: Biotechnological tools for in vitro multiplication, conservation and genetic fidelity analysis of an important vulnerable medicinal plant Celastrus paniculatus Willd
Saranya Babu Jayaprakash CM, Malabar Botanical Garden and Institute for Plant Sciences, India

15:40-16:00 Title: Formulation of a probiotic fermented milk beverage fortified with dry figs
Farida Bendali, University of Bejaia, Algeria

Networking & Refreshments Break 16:00-16:15 @ Foyer

16:15-16:35 Title: Interference of HCV replication by cell penetrable human monoclonal scFv specific to NS5B polymerase
Kanyarat Thung-in, Suranaree University of Technology, Thailand

16:35-16:55 Title: Progress in mapping and cloning the genes for resistance to root-knot nematodes in Upland cotton
Peng W Chee, Universiti of Georgia, USA

16:55-17:15 Title: A Biologically Inspired Estimator to Predict Infarction Volume in Acute Ischemic Strokes.
Uvais Qidwai, Qatar University, Qatar

17:15-17:35 Title: Development of Novel Optical Bio-sensing Technologies for Detection of Mycotoxins
Alexei Nabok, Sheffield Hallam University, UK

19:00-20:00 Cocktails @ Poolside
Day 2 June 26, 2018

Function Room 7

**Plenary Forum**

10:00-10:50  
**Title:** A new replication-defective, vaccinia-derived, CHO-manufactured, vaccine vector system (SCV) is effective in preclinical studies of Zika and chikungunya virus infections  
John D. Hayball, University of South Australia, Australia

**Keynote Forum**

10:50-11:20  
**Title:** Assessment of the condition and effectiveness of treatment of patients suffering from genital herpes on the electrical resistance of biologically active points  
Riad Taha Al-Kasasbeh, Al-Balqa University, Jordan

**Networking & Refreshments Break 11:20-11:35 @ Foyer**

11:35-12:05  
**Title:** Seizures Prediction in refractory epileptic patients by EEG signal Processing:Progresses and Challenges  
Antonio Dourado, University of Coimbra, Portugal

**Sessions:** Microbial Technology | Pharmaceutical Biotechnology | Medical Biotechnology | Applied Biotechnology | Bioenergetics | Current Scenario in Biotechnology | Marine, aquatic & ocean Biotechnology  
**Session Chair:** Peng W Chee, Universiti of Georgia, USA

12:05-12:25  
**Title:** Metabolomic and enzymatic studies of methylcitric acid cycle in microorganisms  
Shunichi Miyakoshi, National Institute of Technology, Japan

12:25-12:45  
**Title:** Chemogenomics driven discovery of endogenous polyketide anti-infective drugs from endosymbiotic fungi  
H.C. Yashavantha Rao, University of Mysore, India

12:45-13:05  
**Title:** Biodiscovery of antimicrobial drugs from endophytic actinomycetes pertaining to global drug resistant crisis  
Soma Mondal, University of Mysore, India

**Lunch Break 13:05-14:00 @ Temptations Restaurant**

14:00-14:20  
**Title:** Hematopoietic Natural Killer cells against cancer tumor cells by comparative results of Flow Cytometry and FACS  
Alireza Pirahmadian, University of Malaya, Malaysia

14:20-14:40  
**Title:** Microalgae as feed stock for biodiesel Production  
Mostafa El-Sheekh, Tanta University, Egypt

14:40-15:00  
**Title:** Investigation of antibacterial activity against Methicillin resistant Staphylococcus Aureus (MRSA) and selected Pharmacological properties of Panchawalkala:An Ayurvedic Formulation  
Tariniija Gopalakrishnan, Horizon Campus, Sri Lanka

15:00-15:20  
**Title:** A multidrug-resistant Escherichia coli strain, PGB01, harboring class 1 integron-linked trimethoprim-resistance gene, thermally fit to survive at high temperature  
Arvind Kumar, Jawaharlal Nehru University, India

15:20-15:40  
**Title:** Oncolytic activity of Newcastle disease virus strain AF2240 and V4-UPM in Osteosarcomacell under the influence of different microenvironment settings  
Nurneqman Nashreq Kosni, Universiti Putra Malaysia, Malaysia

15:40-16:00  
**Title:** Effects of sub-lethal exposure to malachite green on red tilapia (Oreochromis hybrid)  
Penz P. Kwan, Universiti Putra Malaysia, Malaysia

**Networking & Refreshments Break 16:00-16:15 @ Foyer**

Certificate Felicitation @ Closing Ceremony
Bookmark Your Dates

4th International Congress & Expo On

Biotechnology and Genetic Engineering
September 24-25, 2018 at Madrid, Spain

5th International Congress & Expo On

Biotechnology and Bioengineering
June 17-18, 2019 London, UK

Proceedings in

SciFed Biotech & Bioengineering Journal